FIG. 1

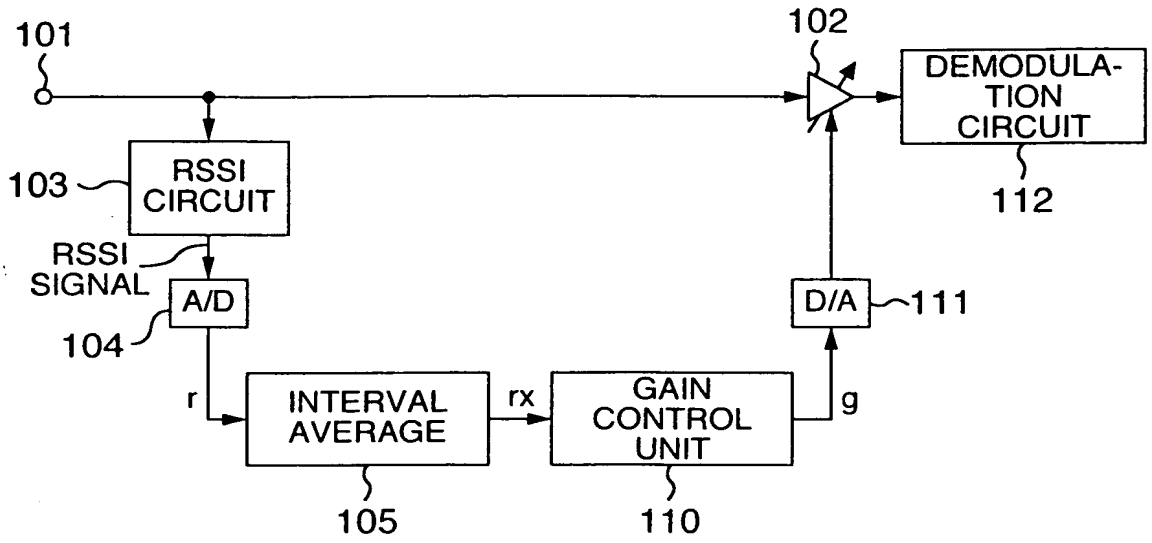


FIG. 2

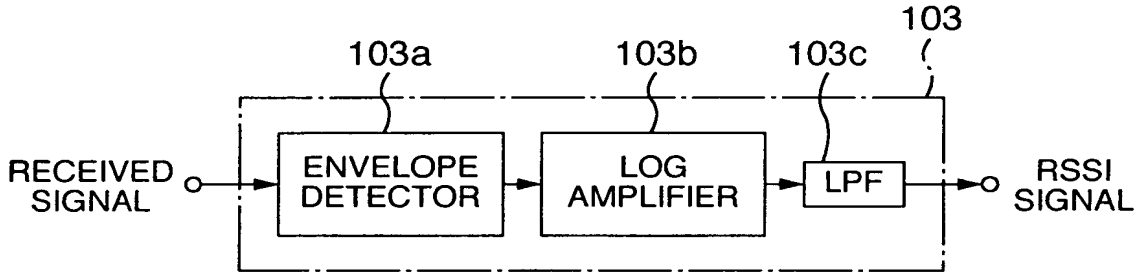


FIG. 3

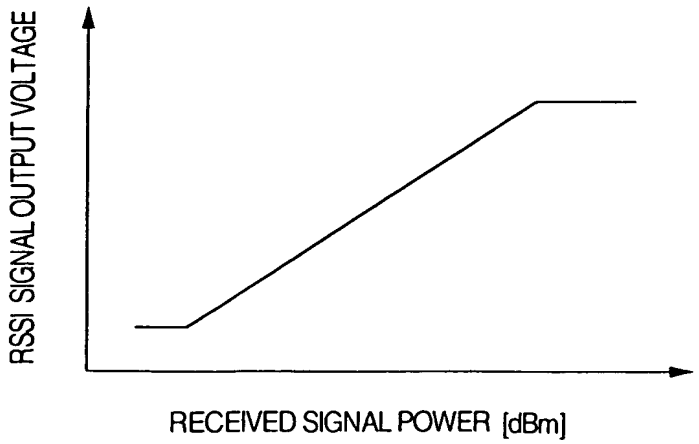
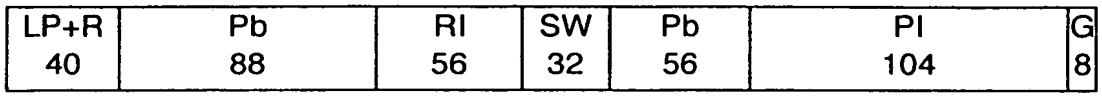
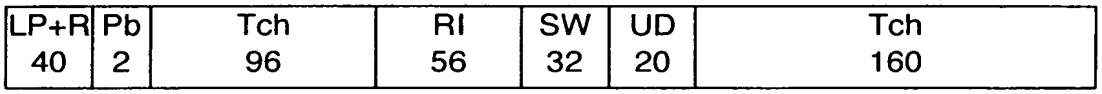


FIG. 4



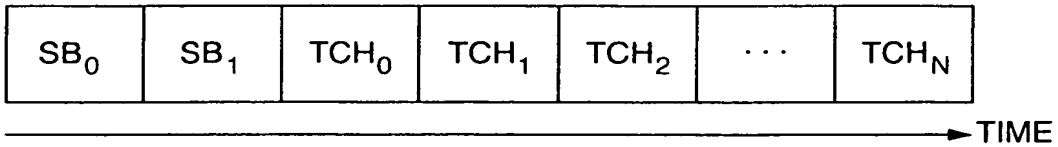
LP+R: LINEARIZER PREAMBLE LINE-UP
Pb: PREAMBLE
RI: COMMUNICATION INFORMATION CHANNEL
SW: SYNC WORD
PI: PARAMETER INFORMATION CHANNEL
G: GUARD TIME

FIG. 5



LP+R: LINEARIZER PREAMBLE LINE-UP
Pb: PREAMBLE
Tch: COMMUNICATION CHANNEL
RI COMMUNICATION INFORMATION CHANNEL
SW: SYNC WORD
UD: UNDEFINED PORTION

FIG. 6



SB_0, SB_1 : SYNC BURST
TCH_N : TRAFFIC CHANNEL FRAME

FIG. 7A
RECEIVED SIGNAL

FIG. 7B
RSSI SIGNAL r

FIG. 7C
INTERVAL AVERAGE rx OF r

FIG. 7D
CONTROL SIGNAL g

FIG. 7E
INPUT SIGNAL OF DEMODULATION CIRCUIT 112

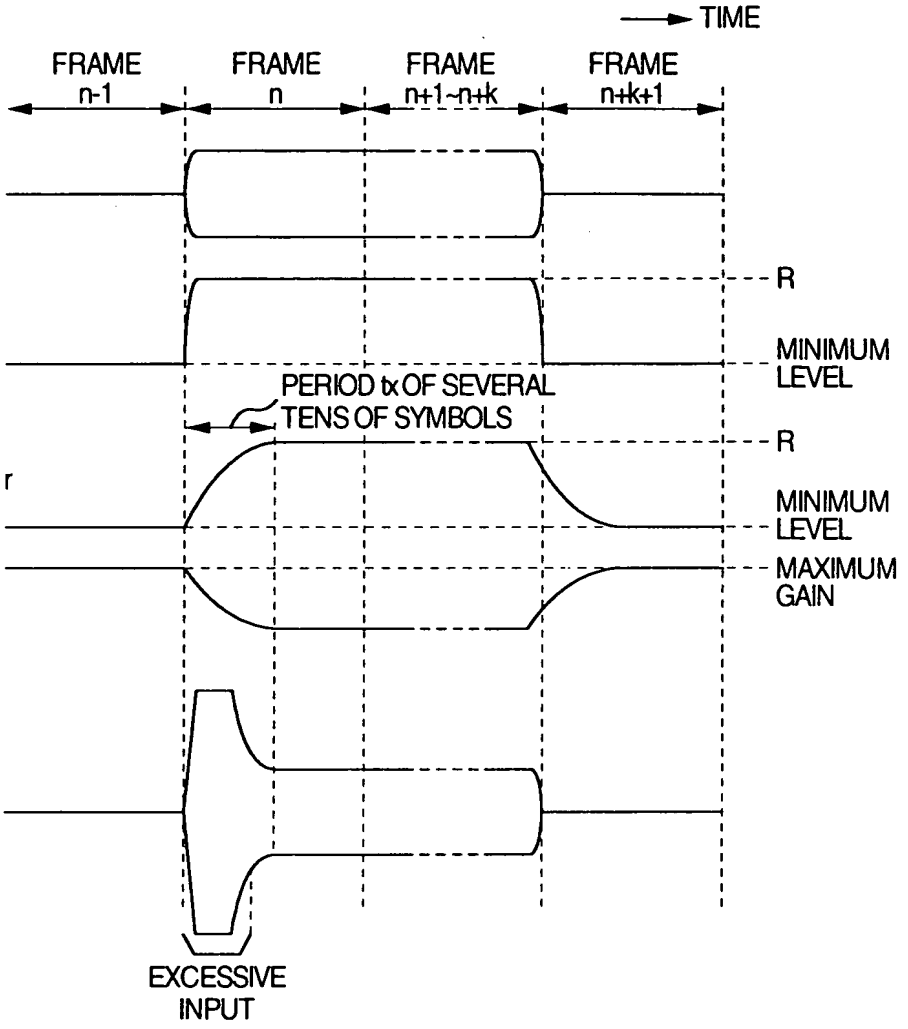


FIG. 8A
FRAME n

FIG. 8B
FRAMES n+1 TO n+k

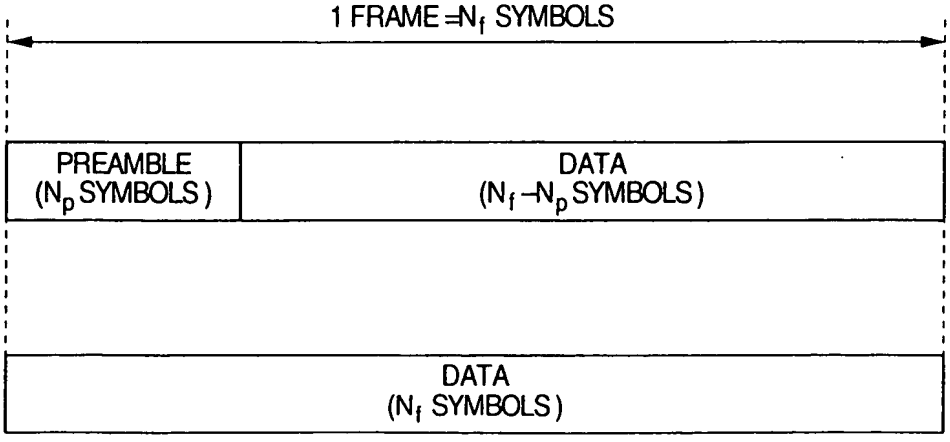


FIG. 9

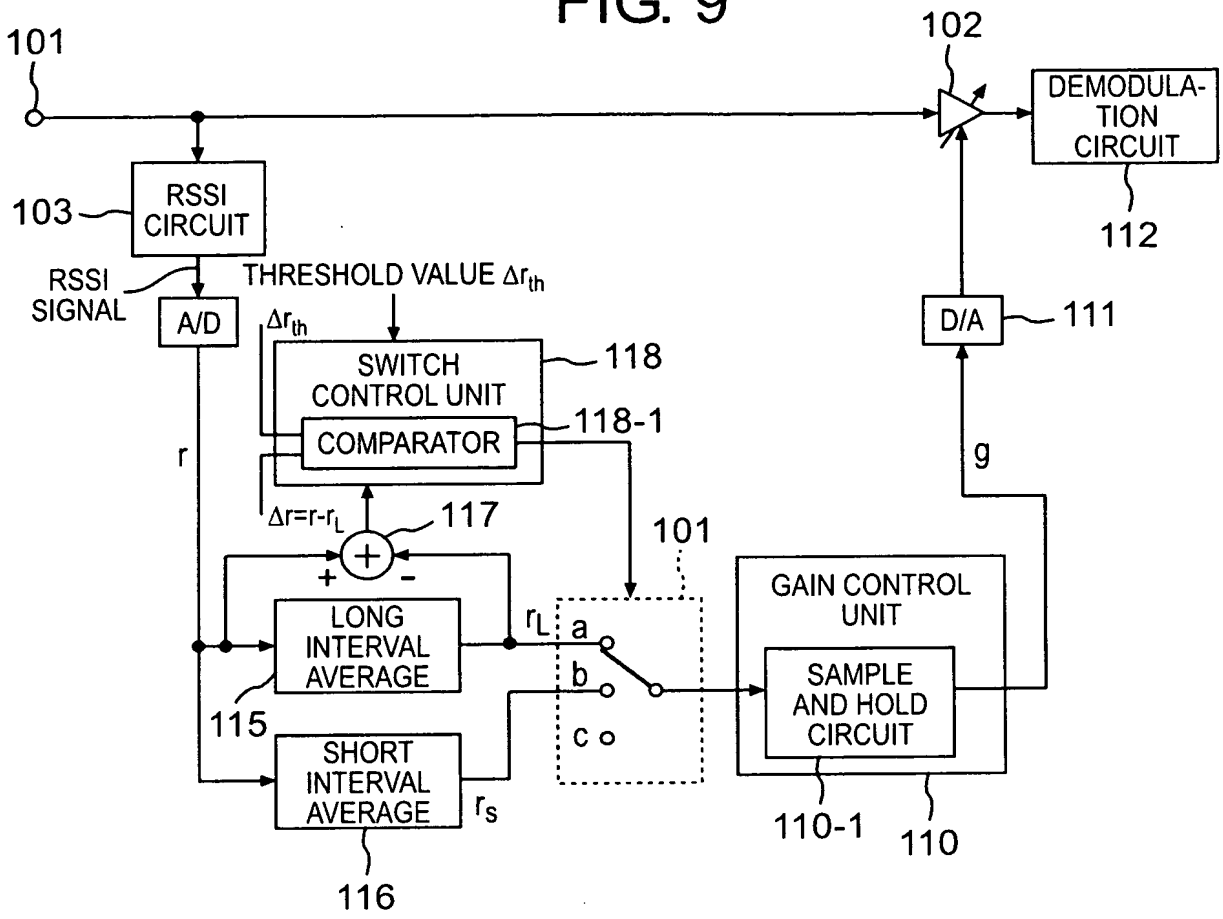
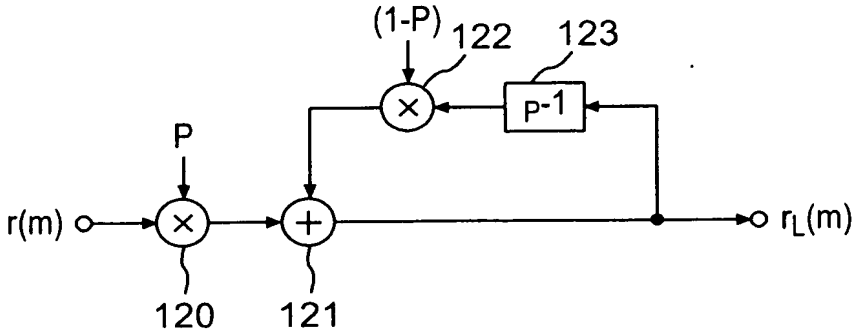


FIG. 10



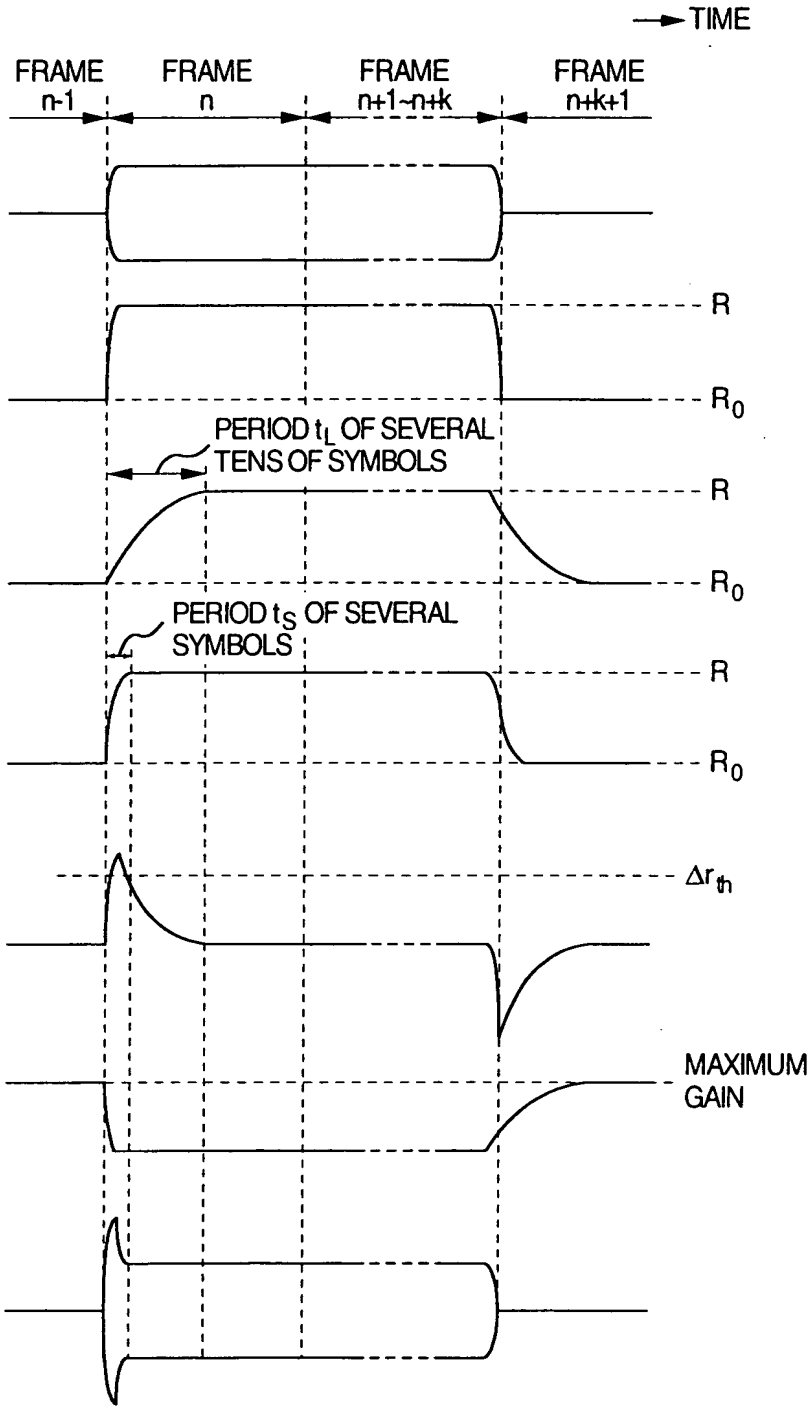


FIG. 11A
RECEIVED SIGNAL

FIG. 11B
RSSI SIGNAL r

FIG. 11C
LONG INTERVAL AVERAGE r_L OF r

FIG. 11D
SHORT INTERVAL AVERAGE r_S OF r

FIG. 11E
$\Delta r = r - r_L$

FIG. 11F
CONTROL SIGNAL g

FIG. 11G
INPUT SIGNAL OF DEMODULATION CIRCUIT 112

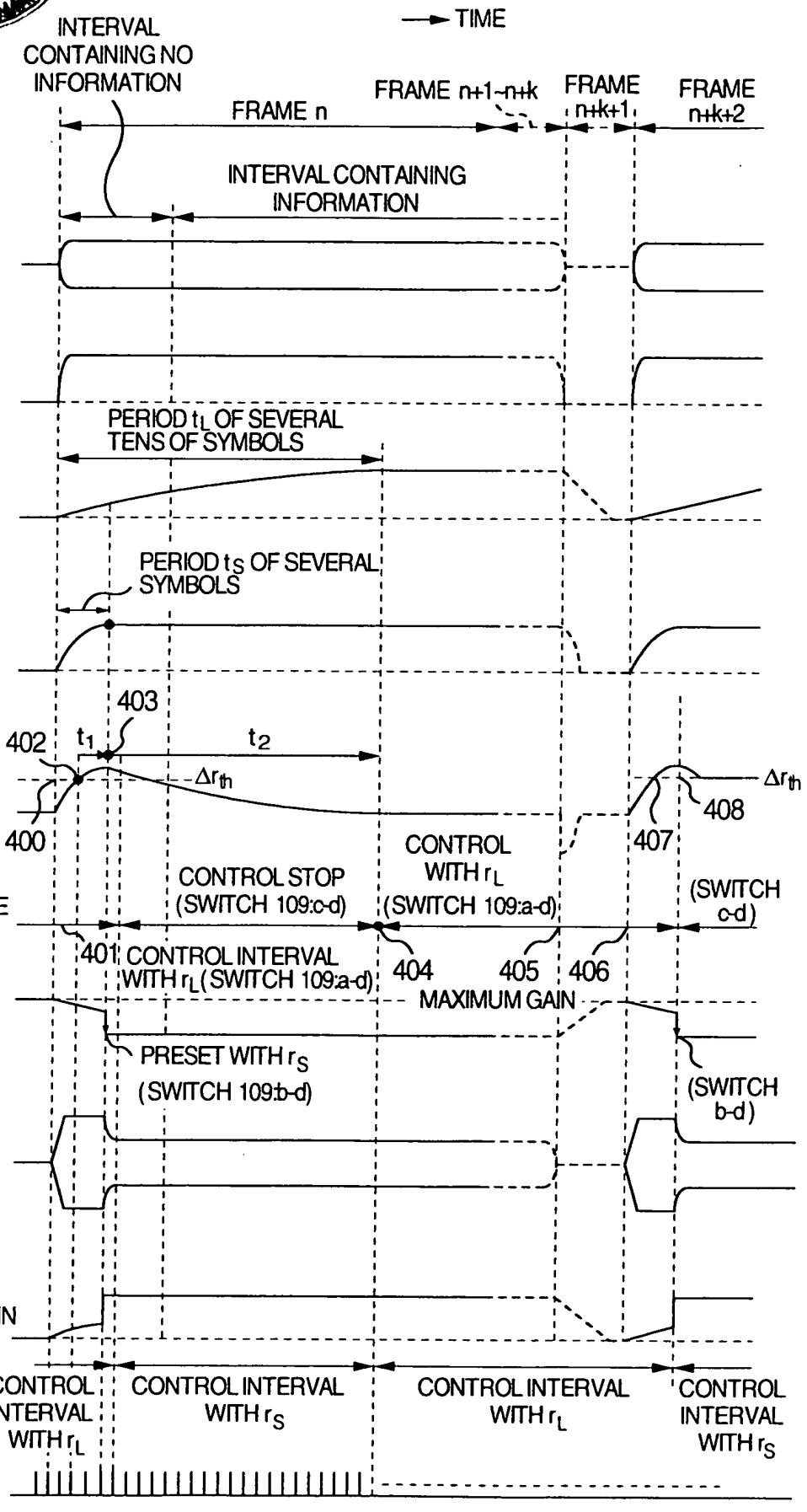


FIG. 12A

FIG. 12B

FIG. 12C

FIG. 12D

FIG. 12E

FIG. 12H

FIG. 12F

FIG. 12G

FIG. 12I

FIG. 12J

FIG. 13

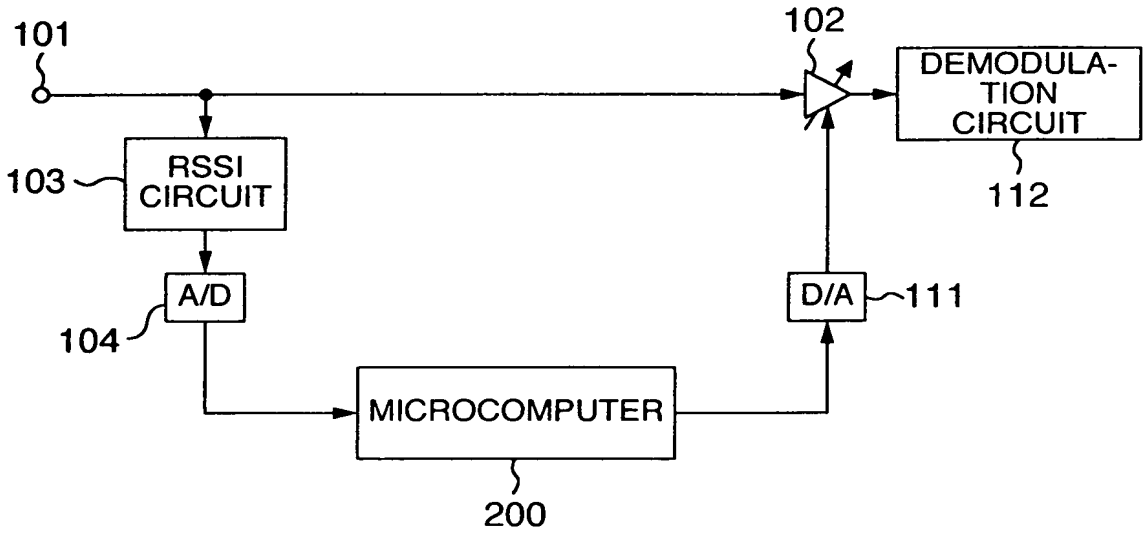


FIG. 14